



What is ECE104?

ECE104 is the regulation to help establish the guidelines on the use of retro-reflective safety markins on heavy goods vehicles operating throughout Europe

Since July 2011, all newly registered HGVs over 7.5 tonnes and trailers over 3.5 tonnes operating in the UK are required by law to be fitted with homologated retro-reflective markings. These must clearly outline the rear and sides of the vehicle to make it visible for up to 1000 metres in low light conditions. ECE104 specifies the standard for the reflective materials used and where and how it must be positioned on the vehicle or trailer.

Vehicle Safety Markings for ECE104

Vehicle Safety Markings required under ECE104 must carry the “E-mark” to show that the tape has met the minimum requirements of the regulation. The markings need to be between 50mm to 60mm.

What colour markings can be used?

Position on Vehicle	Colours
Front	White
Sides	Yellow or white
Rear	Red or yellow

* The Department for Transport states that UK preference for colors is yellow to the side and red to the rear.

Application Options

Rear of the vehicle:

- A complete contour line marking (box) needs to be applied if the rear of the vehicle is wider than 2100mm
- The conspicuity marking should be as close as practicable to the edge of the vehicle and should equate to at least 80% of the overall width of the vehicle

Side of the vehicle:

- There are two options to choose from, a complete contour line marking (box) or a partial contour marking (corner ticks)
- Partial contour markings are the minimum requirement
- The conspicuity markings shall equate to at least 80% of:
 - The length of the vehicle (excluding the cab)
 - The length of the trailer (excluding the drawbar)
- The length of the upper corner marking tape must be a minimum of 250mm in each direction

Full Markings



Partial Markings



Why choose Heskins Vehicle Marking Tape?

- Excellent reflectivity
- Ease of application
- Daytime appearance - bright, vibrant colours
- Excellent adhesion to vehicles - product bonds well to the selected substrates and endure after outdoor exposure and frequent washing and cleaning
- High quality, durable, all plastic construction - not susceptible to corrosion

Heskins Product Range - ECE104 Approved

Features	H6632R	H6632W	H6632Y
Typical use	For application on rigid sided vehicles	For application on rigid sided vehicles	For application on rigid sided vehicles
Suitable application surfaces and substrates	Aluminium, stainless steel, automotive paint	Aluminium, stainless steel, automotive paint	Aluminium, stainless steel, automotive paint
Maximum warranty	8 years	8 years	8 years
Standard colour range	Red	White	Yellow
Adhesive	Clear, pressure sensitive	Clear, pressure sensitive	Clear, pressure sensitive
Product Construction	Sequestered	Sequestered	Sequestered
Roll size	55m x 50m	55m x 50m	55m x 50m
ECE-104 compliant	Yes (104R)	Yes (104R)	Yes (104R)
Application temperatures range of air and substrate	10°C - 30°C	10°C - 30°C	10°C - 30°C